






# WUXGA Professional Installation Laser Projector

## ZU660



Spectacular image quality and brightness with low maintenance laser technology



-  Sharp and luminous image with 6000 lumens and 2,000,000:1 contrast ratio
-  Four corner adjustments provide greater installation versatility
-  Color matching with HSG adjustment
-  Motorized lens shift, zoom and focus
-  Multiple interchangeable optical lens options with 24/7, 360° and portrait mode operation



Full 3D

WIDESCREEN  
16:10  
ENHANCED

RoomView  
CONNECTED



HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

IP LINK™

PLink™

HDBT™



The Optoma ZU660 is the perfect 6000 lumens WUXGA projection solution for museums, boardrooms, higher education, house of worship and smaller entertainment venues. Its low-weight, quiet operation and interchangeable lens options make it ideal for professional installations.

Laser phosphor lighting technology eliminates the need for lamp and filter replacements for 20,000 hours of low-cost operation. Advanced color matching with HSG adjustments enables fine-tuning with multiple projector installations.

Robust input options include HDMI, DVI-D, and VGA for connectivity to a wide range of devices. HDBaseT enables greater installation flexibility by supporting audio, video and control over a single CAT6 cable up to 328-feet long.

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# WUXGA PROFESSIONAL INSTALLATION LASER PROJECTOR— ZU660

## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.67" WUXGA DMD, DLP Technology by Texas Instruments	
<b>Native Resolution</b>	WUXGA (1920x1200)	
<b>Maximum Resolution</b>	WUXGA (1920x1200)	
<b>Brightness</b>	6000 ANSI lumens, 6500 center lumens	
<b>Contrast Ratio</b>	2,000,000:1 (Extreme black enabled) 2000:1 (full on/full off)	
<b>Lamp Life and Type*</b>	Up to 20,000 hrs	
<b>Lens Options:</b>	BX-CTA16:	0.36:1
	BX-CTA15:	0.75-0.95:1
	BX-CAA01:	0.95-1.22:1
	BX-CAA06:	1.22-1.52:1
	BX-CAA02:	1.22-1.53:1
	BX-CAA03:	1.52-2.92:1
	BX-CTA13:	2.90-5.50:1
	BX-CTADOME:	Dome projection
<b>Projection Method</b>	Front, rear, ceiling mount, table top, 360° and portrait mode operation capable	
<b>Geometric Correction</b>	±20° vertical and horizontal keystone, 4 corner	
<b>Lens Shift</b>	±50% vertical ±15% horizontal	
<b>Uniformity</b>	90%	
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, auto	
<b>Throw Ratio</b>	0.36 - 5.50 (dependent on installed lens)	
<b>Projection Distance</b>	2.6'-115" (0.8 -35 m)	
<b>Image Size</b>	50" - 300"	
<b>Projection Lens</b>	Interchangeable lenses (lens not included)	
<b>Optical Zoom</b>	1.25x -1.9x (dependent on installed lens)	
<b>Digital Zoom</b>	0.8 - 2.0	
<b>Noise Level</b>	34dB (Eco) / 36dB(normal)	
<b>Remote Control</b>	Full function wired remote	
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity	
<b>Power Supply</b>	AC input 100 – 240V, 50–60 Hz, auto-switching	
<b>Power Consumption</b>	650W ±15% Max (Normal), 470W ±15% Max (ECO)	
<b>High Altitude</b>	Operating temperature 5000 ft~10,000 ft at 41~ 86°F (5~ 30°C)	

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility<sup>†</sup></b>	Supports all HDMI 1.4a mandatory 3D formats (frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). Required 3D glasses are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu adjustment in 13 languages
<b>I/O Connection Ports</b>	2 x HDMI-in (version1.4), 1 x DVI-D, 1 x VGA-in (D-Sub 15pin) (computer in or component), 1 x HDBaseT, 1 x 3D SYNC in, 1x VGA-out (supports VGA pass through to monitor) (monitor out), 1 x 3D SYNC out, 1 x RS-232C (D-sub 9 pin) (PC Control), 1 x Wired Remote in (3.5mm phone jack), 1 x RJ45 (LAN)

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock port, security bar and keypad lock
<b>Weight</b>	37.4 lb (17 kg) without lens
<b>Dimensions (W x H x D)</b>	19.1" x 7.2" x 20" (485 x 185 x 509 mm)



- |                        |                 |                  |
|------------------------|-----------------|------------------|
| 1. Power On/Off        | 7. DVI-D In     | 13. VGA Out      |
| 2. Menu Navigation Pad | 8. VGA In       | 14. AC Power     |
| 3. RJ-45 (LAN)         | 9. Wired Remote | 15. Power Switch |
| 4. HDBaseT             | 10. 3D Sync In  |                  |
| 5. HDMI In             | 11. 3D Sync Out |                  |
| 6. HDMI In             | 12. RS-232C     |                  |

### Warranty

3 years or 20,000 hour light source warranty (whichever comes first), 3-year Optoma Express advance exchange warranty on the projector.

### What's in the Box

ZU660 projector, AC power cord, VGA to VGA cable, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, remote, HDCast Pro-BLACK

### Accessory Part Numbers

Ceiling mount: BM-9004U  
 Remote: BR-3074W  
 DLP@Link™ 3D glasses: ZD302  
 HDBaseT Transmitter: 4K100TX  
 Wireless: HDCast PRO - BLACK

UPC 796435 44 148 7

